LN

ENTERED

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  4 <110> APPLICANT: Ma, D.
  5        Han, W.
  6        Zhang, Y.
  7        Song, Q.
  8        Di, C.
  9        Huang, J.
 10        Tang, J.
 11        Chen, G.
 13 <120> TITLE OF INVENTION: CHEMOKINE LIKE FACTOR(CKLF) WITH CHEMOTACTIC AND HEMATOPOIETIC
 14        STIMULATING ACTIVITIES
 16 <130> FILE REFERENCE: 10776-003-999
C--> 18 <140> CURRENT APPLICATION NUMBER: US/09/801,115
C--> 19 <141> CURRENT FILING DATE: 2001-03-07
 21 <150> PRIOR APPLICATION NUMBER: PCT/CN00/00026
 22 <151> PRIOR FILING DATE: 2000-02-15
 24 <150> PRIOR APPLICATION NUMBER: 99107284.7
 25 <151> PRIOR FILING DATE: 1999-05-14
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 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 534
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Homo sapiens
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 36   cggtggcggt tgctatcgct tcgcagaacc tactcaggcag ccagctgag aagagttgag 120
 37   ggaaagtgct gctgctgggt ctgcagacgc gatggataac gtgcagccga aaataaaaca 180
 38   tcgcccccttc tgcttcagtg tgaaaggcca cgtgaagatg ctgcggctgg atattatcaa 240
 39   ctcactggta acaacagtat tcatgctcat cgtatctgtg ttggcactga taccagaaac 300
 40   cacaacattg acagttggtg gaggggtgtt tgcacttgtg acagcagtat gctgtcttgc 360
 41   cgacggggcc cttatttacc ggaagcttct gttcaatccc agcggtcctt accagaaaaa 420
 42   gcctgtgcat gaaaaaaaag aagtttgta atttttatt acttttttagt ttgatactaa 480
 43   gtattaaaca tatttctgta ttcttccaaa aaaaaaaaaa aaaaaaaaaa aaaa        534
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 47 <211> LENGTH: 99
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 54   Val Lys Gly His Val Lys Met Leu Arg Leu Asp Ile Ile Asn Ser Leu
 55              20                  25                  30
 56   Val Thr Thr Val Phe Met Leu Ile Val Ser Val Leu Ala Leu Ile Pro
 57          35                  40                  45
 58   Glu Thr Thr Thr Leu Thr Val Gly Gly Gly Val Phe Ala Leu Val Thr
 59      50                  55                  60
 60   Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile Tyr Arg Lys Leu Leu
 61   65                  70                  75                  80
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62    Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro Val His Glu Lys Lys
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64    Glu Val Leu
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67  <211> LENGTH: 459
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74    gtgaagatgc tgcggctggc actaactgtg acatctatga ccttttttat catcgcacaa  120
75    gcccctgaac catatattgt tatcactgga tttgaagtca ccgttatctt atttttcata  180
76    cttttatatg tactcagact tgatcgatta atgaagtggt tattttggcc tttgcttgat  240
77    attatcaact cactggtaac aacagtattc atgctcatcg tatctgtgtt ggcactgata  300
78    ccagaaacca caacattgac agttggtgga ggggtgtttg cacttgtgac agcagtatgc  360
79    tgtcttgccg acggggccct tatttaccgg aagcttctgt tcaatcccag cggtccttac  420
80    cagaaaaagc ctgtgcatga aaaaaaagaa gttttgtaa                           459
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83  <211> LENGTH: 152
84  <212> TYPE: PRT
85  <213> ORGANISM: Homo sapiens
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90    Val Lys Gly His Val Lys Met Leu Arg Leu Ala Leu Thr Val Thr Ser
91                  20                  25                  30
92    Met Thr Phe Phe Ile Ile Ala Gln Ala Pro Glu Pro Tyr Ile Val Ile
93              35                  40                  45
94    Thr Gly Phe Glu Val Thr Val Ile Leu Phe Phe Ile Leu Leu Tyr Val
95          50                  55                  60
96    Leu Arg Leu Asp Arg Leu Met Lys Trp Leu Phe Trp Pro Leu Leu Asp
97    65                  70                  75                  80
98    Ile Ile Asn Ser Leu Val Thr Thr Val Phe Met Leu Ile Val Ser Val
99                      85                  90                  95
100   Leu Ala Leu Ile Pro Glu Thr Thr Thr Leu Thr Val Gly Gly Gly Val
101                  100                 105                 110
102   Phe Ala Leu Val Thr Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile
103              115                 120                 125
104   Tyr Arg Lys Leu Leu Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro
105           130                 135                 140
106   Val His Glu Lys Lys Glu Val Leu
107   145                 150
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116   gtgaagatgc tgcggctggt gtttgcactt gtgacagcag tatgctgtct tgccgacggg  120
117   gcccttattt accggaagct tctgttcaat cccagcggtc cttaccagaa aaagcctgtg  180
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204

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121  <211> LENGTH: 67
122  <212> TYPE: PRT
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128    Val Lys Gly His Val Lys Met Leu Arg Leu Val Phe Ala Leu Val Thr
129                        20                  25                  30
130    Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile Tyr Arg Lys Leu Leu
131                35                  40                  45
132    Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro Val His Glu Lys Lys
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134    Glu Val Leu
135    65
137  <210> SEQ ID NO: 7
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145    gcccctgaac catatattgt tatcactgga tttgaagtca ccgttatctt attttttcata  180
146    cttttatatg tactcagact tgatcgatta atgaagtggt tattttggcc tttgcttgtg  240
147    tttgcacttg tgacagcagt atgctgtctt gccgacgggg cccttattta ccggaagctt  300
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149    taa                                                               363
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159    Val Lys Gly His Val Lys Met Leu Arg Leu Ala Leu Thr Val Thr Ser
160                        20                  25                  30
161    Met Thr Phe Phe Ile Ile Ala Gln Ala Pro Glu Pro Tyr Ile Val Ile
162                35                  40                  45
163    Thr Gly Phe Glu Val Thr Val Ile Leu Phe Phe Ile Leu Leu Tyr Val
164            50                  55                  60
165    Leu Arg Leu Asp Arg Leu Met Lys Trp Leu Phe Trp Pro Leu Leu Val
166    65                  70                  75                  80
167    Phe Ala Leu Val Thr Ala Val Cys Cys Leu Ala Asp Gly Ala Leu Ile
168                        85                  90                  95
169    Tyr Arg Lys Leu Leu Phe Asn Pro Ser Gly Pro Tyr Gln Lys Lys Pro
170                        100                 105                 110
171    Val His Glu Lys Lys Glu Val Leu
172                115                 120
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/801,115

DATE: 03/24/2001
TIME: 16:28:47

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Output Set: N:\CRF3\03242001\I801115.raw

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L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date